

Hipot Testers

HT-S Series



FAST



SAFE



RELIABLE



*Image for reference



DIELECTRIC WITHSTAND/GROUND CONTINUITY TESTER

The HT-P V2 series Hipot Tester with adjustable voltage output, voltage ramp, test time, leakage current and ground continuity limit setting.



FEATURES

Models

HT-2000P V2, HT-2800P V2, HT-3000P V2:

AC Output: 0-2000V Leakage current up to 20mA.
DC Output: 0-2800V Leakage Current up to 5 mA.

Logic controlled, one button test, easy to setup, LED's indicate test progress. Upon failure, buzzer sounds and testing is terminated.

Output voltage, leakage current limit, voltage ramp-up time and test duration are controlled from the rear panel.

Ground continuity test is defeatable for testing of two wire products.

NEMA 5-15R receptacle provided on front panel for high voltage output.

Long life TEST and RESET buttons.

Operation instructions provided on the rear panel.

Can be connected to the GF-30AC-T ground bond tester for complete TUV and European safety testing, with the TESTLINK option.

Supports PLC interface for complete automated testing with the RI option.

Small footprint and lightweight.

Economical, durable and compact.

Calibration certificate included

6" drop tested.

One year calibration cycle.

One year warranty.



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Specifications

HT-2000P V2	Voltage Test Type:	AC
	Maximum Output Voltage:	2000 VAC
	Maximum Leakage Current:	20mA AC
	Leakage Current Adjustment:	1-20mA AC, increments of 0.1 mA
HT-2800P V2	Voltage Test Type:	DC
	Maximum Output Voltage:	2800 VDC
	Maximum Leakage Current:	5mA AC
	Leakage Current Adjustment:	1-5 mA DC, increments of 0.1 mA
HT-3000P V2	Voltage Test Type:	AC/DC
	Maximum Output Voltage:	2000VAC / 2800VDC
	Maximum Leakage Current:	20mA AC / 5mA DC
	Leakage Current Adjustment:	1-20mA AC / 1-5mA DC, increments of 0.1 mA
All Models	Input Voltage:	120 VAC
	Frequency:	60 Hz
	Fuse:	120/230 VAC 2 A Slow Blow
	Breakdown Detect:	Independent High Frequency Circuit (50 KHz – 500 KHz)
	Transformer Power:	< 500 VA
	Leakage Current Detect:	Independent Low Frequency Circuit
	Ramp Time Range:	1 - 5 Seconds
	Test Time Range:	1 - 60 seconds
	Discharge Time:	<7ms for AC <1.3s for Max DC at Open Circuit
	Display:	4 Digits LED Display
	Voltage Meter Accuracy:	± 2 %
	Leakage Accuracy:	± 0.1 mA
	Ground Continuity:	2.93Ω Defeatable
	Duty Cycle:	100 %
	Pass/Fail Repeatability:	± 3%
	Operation Temperature:	15 - 40 °C
	Relative Humidity Range:	0 - 90 % Non-Condensing

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General

HT-2000P V2, HT-2800P V2, HT-3000P V2

Output Connector: NEMA 5-15R Receptacle and 4mm H.V. Socket output
Dimensions: 9-1/4" Wide x 4-3/4" High x 10" Deep
Weight: ~11 lbs
Product Package: HT-S Hipot Tester
HT-S Product Manual
18 AWG Line Power Cord
Ground Return Lead, 18AWG, 4ft long (1 x PN:00-GL)
Ground Continuity Connector Tip (1 x PN: 00-GPIN)
NIST Traceable Calibration Certificate to MIL-STD45662-A
Calibration Data Copy

HT-4200S

Output Connector: 4mm H.V. Socket output
Dimensions: 9-1/4" Wide x 4-3/4" High x 10" Deep
Weight: ~11 lbs
Product Package: HT-S Hipot Tester
HT-S Product Manual
18 AWG Line Power Cord
Ground Return Lead, 18AWG, 4ft long (2 x PN:00-GL-S)
High Voltage Test Lead, 5kV, Red 4ft long (1 x PN:00-HVTL-R-4)
NIST Traceable Calibration Certificate to MIL-STD45662-A
Calibration Data Copy

Options

00-HVTL-R-6 High Voltage Test Lead, 5Kv, Red 6ft long
00-TL TestLink option. Allows connection with GF-30AC-T for Ground Bond Test
00-TLC TestLink Cableset. (For 00-TL)
00-RI Relay Interface/PLC Interface. Test signals through relay contacts/coils
00-AR Auto Reset on Pass option. Resets after passing test
00-HTT-1 Function Checker: Allows verification of functionality/calibration of your tester.

Safety

Output Voltage Indicator: Provided by front panel meter, directly connected to high voltage output.
Failure Indicator: Visual, Provided by red LED's.
Test automatically terminated on failure.
Leakage Test: Factory setting set for pass/fail point (also user adjustable)
5mA AC and 2mA DC
Operation Instructions Provided on rear panel